

Docket No.:



DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled OPTICAL CABLE,
the specification of which

is attached hereto.
 was filed on February 17, 2000 as Application Serial No. 09/505,989 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Applications(s):

Number	Country	Day/Month/Year filed	Priority Claimed
P.Hei. 11-41922	Japan	19/02/1999	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below.

Prior Provisional Application(s):

Application Number Filing Date

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s):

Serial No. Filing Date Status: Patented, Pending, Abandoned

RECEIVED

JAN 10 2002

OFFICE OF PETITIONS
U.S. PATENT AND TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge : and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

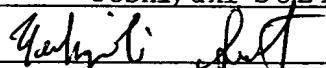
I hereby appoint the following attorney(s) and/or agent(s): Edward A. Becker, Reg. No. 37,777; Stephen A. Becker, Reg. No. 26,527; Marcel K. Bingham, Reg. No. 42,327; John G. Bisbikis, Reg. No. 37,095; Carl L. Brandt, Reg. No. P44,555, Daniel Bucca, Reg. No. 42,368; Kenneth L. Cage, Reg. No. 26,151; Stephen C. Carlson, Reg. No. 39,929; Jennifer Chen, Reg. No. 42,404; Thomas A. Corrado, Reg. No. 42,439; Lawrence P. Cullen, Reg. No. P-44,489; Paul Devinsky, Reg. No. 28,553; Keth Dithavong, Reg. No. P-44,658; Laura A. Donnelly, Reg. No. 38,435; Margaret M. Duncan, Reg. No. 30,879; Brian E. Ferguson, Reg. No. 36,801; Michael F. Fogarty, Reg. No. 36,139; Willem F. Gadiano, Reg. No. 37,136; Keith E. George, Reg. No. 34,111; John A. Hankins, Reg. No. 32,029; Brian D. Hickman, Reg. No. 35,894; Joseph Hyosuk Kim, Reg. No. 41,425; Eric J. Kraus, Reg. No. 36,190; Patrick B. Law, Reg. No. 41,549; Jack Q. Lever, Reg. No. 28,149; Raphael V. Lupo, Reg. No. 28,363; Christine F. Martin, Reg. No. 39,762; Michael A. Messina, Reg. No. 33,424; Eugene J. Molinelli, Reg. No. 42,901; Christopher J. Palermo, Reg. No. 42,056; Joseph H. Paquin, Jr., Reg. No. 31,647; Robert L. Price, Reg. No. 22,685; Thomas D. Robbins, Reg. No. 43,669; Gene Z. Rubinson, Reg. No. 33,351; Joy Ann G. Serauskas, Reg. No. 27,952; David J. Serbin, Reg. No. 30,589; Glenn Snyder, Reg. No. 41,428; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No. 26,106; David L. Stewart, Reg. No. 37,578; Michael D. Switzer, Reg. No. 39,552; Leonid D. Thenor, Reg. No. 39,397; Keith J. Townsend, Reg. No. 40,358; Leon R. Turkevich, Reg. No. 34,035; Christopher D. Ward, Reg. No. 41,367; Cameron K. Weiffenbach, Reg. No. P-44,488; Aaron Weisstuch, Reg. No. 41,557; Edward J. Wise, Reg. No. 34,523; Alexander V. Yampolsky, Reg. No. 36,324; and Robert W. Zelnick, Reg. No. 36,976 all of

McDERMOTT, WILL & EMERY
600 13th Street, N.W.
Washington, DC 20005-3096

Direct Telephone Calls to: Telephone 202-756-8000

with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

Full name of sole or first inventor: Yoshiyuki SUETSUGU

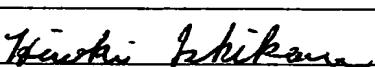
Inventor's signature:  Date: May 28, 2000

Residence: Kanagawa, Japan

Citizenship: Japan

Post Office Address: c/o Yokohama Works of Sumitomo Electric Industries, Ltd.,
1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa, Japan

Full name of second inventor: Hiroki ISHIKAWA

Inventor's signature:  Date: May 29, 2000

Residence: Kanagawa, Japan

Citizenship: Japan

Post Office Address: c/o Yokohama Works of Sumitomo Electric Industries, Ltd.,
1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa, Japan

RECEIVED

JAN 10 2002

OFFICE OF PETITIONS
DEPUTY A/C PATENTS

Full name of third inventor:

Hideyuki IWATA

Inventor's signature:

Hideyuki Iwata

Date: June 5, 2000

Residence:

Ibaraki, Japan

Citizenship:

Japan

Post Office Address:

2-4-3-101 Higashihara, Mito-shi, Ibaraki, 310-0035, Japan

Full name of fourth inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

Full name of fifth inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

Full name of sixth inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

RECEIVED

JAN 10 2002

OFFICE OF PETITIONS
DEPUTY A/G PATENTS

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Yoshiyuki SUETSUGU
 (2) Hiroki ISHIKAWA
 (3) Hideyuki IWATA

(4) _____
 (5) _____
 (6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SUMITOMO ELECTRIC INDUSTRIES, LTD.
of 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, Japan; and
NIPPON TELEGRAPH AND TELEPHONE CORPORATION
of 3-1 Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116, Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

OPTICAL CABLE

(a) for which an application for United States Letters Patent was filed on February 17, 2000, and identified by United States Serial No. 09/505,989; or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

1) *Yoshiyuki Suetsugu*
 Name: Yoshiyuki SUETSUGU
 2) *Hiroki Ishikawa*
 Name: Hiroki ISHIKAWA
 3) *Hideyuki Iwata*
 Name: Hideyuki IWATA
 4) _____
 Name:
 5) _____
 Name:
 6) _____
 Name: .

DATE SIGNED

May 29, 2000

May. 29. 2000

June. 5, 2000

RECEIVED

JAN 10 2002

OFFICE OF PETITIONS
 DEPUTY A/C PATENTS